

DERWENT-ACC-NO: 1981-18332D

DERWENT-WEEK: 198111

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TITLE: Adhesive compsn. for carpet mfr.
prepn. - by adding polymer latex to aq. dispersion of
acrylate! in aq. soln. of water-soluble high mol. wt.
material

PATENT-ASSIGNEE: SHOWA DENKO KK[SHOW]

PRIORITY-DATA: 1979JP-0079098 (June 25, 1979)

PATENT-FAMILY:

PUB-NO	PAGES	PUB-DATE	
LANGUAGE		MAIN-IPC	
JP 56004673 A		January 19, 1981	N/A
000	N/A		
JP 88034196 B		July 8, 1988	N/A
000	N/A		

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
APPL-DATE		
JP 56004673A	N/A	
1979JP-0079098	June 25, 1979	

INT-CL (IPC): C08F291/08, C09J003/12 , D06M015/26 ,
D06M017/00

ABSTRACTED-PUB-NO: JP 56004673A

BASIC-ABSTRACT:

A polymer latex (e.g. natural rubber latex, SBR latex, or
self-cross-linking
SBR latex, etc. (100 pts. wt.) is added in an aq.
dispersion prepd. by
polymerising one or more acrylate or methacrylate salt
(e.g. Na, K or NH₄
acrylate or methacrylate, opt. blended with a

copolymerisable ethylenically
unsatd. monomer 1-50 pts.wt. per 100 pts.wt. of water in
an aq. soln. of a
water-soluble high mol. material (e.g. agar, acacia,
dextran, starch or
derivs.), (1-100 pts.wt. per 100 pts.wt. of water) to give
an adhesive compsn.
for securing carpet pile with scrim and the tufted scrim
with backing sheet.

The adhesive compsns. have high resistance against
blistering, viscosity
stability and adhesion.

TITLE-TERMS: ADHESIVE COMPOSITION CARPET MANUFACTURE
PREPARATION ADD POLYMER
LATEX AQUEOUS DISPERSE POLYACRYLATE AQUEOUS
SOLUTION WATER SOLUBLE
HIGH MOLECULAR WEIGHT MATERIAL

DERWENT-CLASS: A18 A81 G03

CPI-CODES: A04-F06E1; A07-A02; A12-A05A; A12-A05B;
A12-D02; G02-B02D1;
G03-B02B; G03-B02D; G03-B02D1;

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 0009 0013 0044 0047 0218 0231 0409 0410 0416
0417 1279 1588 1590
1602 1604 1974 1989 2007 2020 2335 2504 2509 2659 2682 2822
1987 0306 1095 0376
0209 1107 0493 0494 0241 0789
Multipunch Codes: 011 028 032 034 04- 040 06- 074 075 076
077 09- 10& 147 198
200 230 231 244 245 252 257 259 27& 336 392 397 398 436 473
57- 597 600 609 614
664 688 720 011 028 032 034 04- 040 055 056 06- 074 075 076
077 09- 10& 117 122
147 198 200 230 231 244 245 252 259 27& 336 392 397 398 436
473 57- 597 600 609
614 664 688 720 011 028 032 034 04- 040 06- 072 074 075 076
077 09- 10& 117 122
147 198 200 230 231 244 245 252 259 27& 336 392 397 398 436
473 57- 597 600 609
614 664 688 720 011 028 032 034 04- 040 06- 062 063 074 075
076 077 09- 10& 117
124 147 198 200 230 231 244 245 252 259 27& 336 392 397 398

436 473 57- 597 600
609 614 664 688 720 011 028 032 034 04- 040 06- 074 075 076
077 081 09- 10& 147
198 200 230 231 244 245 252 259 27& 336 392 397 398 436 473
57- 597 600 609 614
664 688 720 011 028 032 034 04- 040 041 046 047 06- 066 067
074 075 076 077 09-
10& 147 198 200 230 231 244 245 252 259 27& 336 392 397 398
436 473 57- 597 600
609 614 664 688 720

PAT-NO: JP356004673A
DOCUMENT-IDENTIFIER: JP 56004673 A
TITLE: ADHESIVE COMPOSITION FOR CARPET
BACKING
PUBN-DATE: January 19, 1981

INVENTOR-INFORMATION:
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SHOWA DENKO KK N/A

APPL-NO: JP54079098
APPL-DATE: June 25, 1979

INT-CL (IPC): C09J003/12
US-CL-CURRENT: 524/915

ABSTRACT:

PURPOSE: To provide an adhesive having improved blister resistance, viscosity stability and bond strength, by a method wherein a water-soluble high-molecular composite material obtd. by polymerizing (meth)acrylate in the presence of water and a water-soluble high-molecular compd. is added to a high-molecular latex.

CONSTITUTION: A monomer mixt. consisting of (meth)acrylate or consisting

mainly of (meth)acrylate is polymerized in the presence of an aq. soln. consisting of water and a water-soluble high-molecular compd. An aq. dispersion of the resulting water-soluble high-molecular composite material is added to a high-molecular latex. The above water-soluble high-molecular compd. are compd. having ether group. and/or hydroxyl group. in the high-molecular structural unit. Examples thereof are agar, acacia, cellulose derivatives, and polyethylene glycol. Examples of the high-molecular latexes are natural rubber latex, SBR latex, and acrylic ester emulsion.

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